

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Peter W. Robinson, et al.

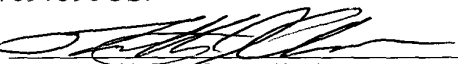
Docket: 101856-201

Serial No.: To be Assigned

Filed: September 2, 2003

Assignee: Olin Corporation

Title: SLUG FOR INDUSTRIAL BALLISTIC TOOL

Certificate of Mailing by Express Mail	
In accordance with the provisions of 37 CFR 1.10, I hereby certify that the attached was deposited with the U.S. Postal Service for delivery by Express Mail on <u>September 2, 2003</u> . The number of the Express Mail mailing label is: <u>EL897897395US</u> .	
Signed:	
Name:	Timothy J. Olson, Reg. No. 42,962

INFORMATION DISCLOSURE STATEMENT

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

1. ☐ Applicant submits herewith a copy of (a) attached form PTO-1449, which lists all patents, publications, applications, or other information submitted for consideration by the Office; (b) a legible copy of each document required by 37 C.F.R. §1.98(b)(2).
2. ☒ Applicant herein apprises the Patent Office of prior art in a parent U.S. application from which this application obtains the benefit of an earlier filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application Serial No. 09/366,586 filed on August 4, 1999 and entitled Slug for Industrial Ballistic Tool. The publications cited therein are listed on attached Form PTO-1449. In accordance with 37 C.F.R. §1.98(d) copies of the listed publications are not required. ☐ Additional parent patent applications are listed on an attached sheet.
3. ☐ In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each reference not in English (**check at least one box below**):
☐ A copy of a translation of on or more non-English document, or portion thereof, is provided herewith;

☐ A concise explanation is (check at least one box below):

☐ provided in the accompanying foreign or international search report; ☐ incorporated into the specification; and/or ☐ provided herewith.

37 C.F.R. §1.97(b)(1), (b)(2) - WITHIN 3 MONTHS OF FILING OR ENTRY IN NATIONAL STAGE

4. ☒ Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application, no fee or certification under 37 C.F.R. §1.97(e) is required.

37 C.F.R. §1.97(b)(3), (b)(4) - PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMINATION

5. ☐ Since this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 C.F.R. §1.97(e) is required.

37 C.F.R. §1.97(c) - AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE

6. ☐ Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing date of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked):
- a. ☐ the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. §1.17(p).
- b. ☐ the statement specified in 37 C.F.R. §1.97(e) (Box 8 or 9 must be checked).

37 C.F.R. §1.97(d) - AFTER FINAL REJECTION OR ALLOWANCE

7. ☐ Since this Information Disclosure Statement is being filed after the period specified in 37 C.F.R. §1.97(c), but on or before payment of this issue fee and is accompanied by both the statement specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p). (Box 8 or 9 must be checked).
8. ☐ In accordance with 37 C.F.R. §1.97(e)(1), Applicant's attorney certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. ☐ The foreign or international search report(s) is/are enclosed.

9. ☐ In accordance with 37 C.F.R. §1.97(e)(2), Applicant's attorney certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the information disclosure statement.
10. ☒ In the event the Commissioner of Patents deems that any additional fee is required under 37 C.F.R. §§ 1.16 or 1.17 in connection with this application, Applicant's attorneys authorize that such fee be charged to Deposit Account No. 23-1665.

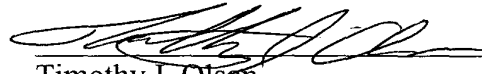
The undersigned represents that the closest art of which he is presently aware has been cited herein and understands that this statement shall not be construed as a representation that no better art exists or that a thorough patentability search has been made.

The undersigned further represents that the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Consideration of this Information Disclosure Statement is respectfully requested.

Respectfully submitted,
Peter W. Robinson, et al.

Date: September 2, 2003
WIGGIN & DANA LLP
One Century Tower
New Haven, CT 06508-1832
Telephone: (203) 498-4319
Facsimile: (203) 782-2889
Email: Tolson@wiggins.com


Timothy J. Olson
Atty. Reg. No. 42,962

FORM 1449 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Docket Number: 101856-201		Serial Number: Not Yet Assigned	
				Inventor(s): Peter W. Robinson, et al.			
				Filing Date: September 2, 2003		Prior Art Unit: 1742	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	DATE	
	2,409,307	10/15/46	E.S. Patch et al.	102	92.5		
	2,995,090	08/08/61	B.K. Daubenspeck	102	91		
	3,123,003	03/03/64	P.H. Lange, Jr. et al.	102	91		
	3,232,233	02/01/66	A. Singleton	102	92.5		
	3,338,167	08/29/67	W. Jungermann et al.	102	92.7		
	3,349,771	10/31/67	J. Darigo et al.	102	91		
	3,463,047	08/26/69	R. Germershausen	86	23		
	3,570,406	03/16/71	H. Frey et al.	102	92.7		
	3,785,293	01/15/74	I. Barr et al.	102	92.7		
	3,989,933	08/12/75	A. Castera et al.	102	92.7		
	3,951,035	04/20/76	N. Dautzenberg et al.	86	10		
	4,428,295	01/31/84	V. Urs	102	448		
	4,949,645	08/21/90	A.C. Hayward et al.	102	517		
	4,958,572	09/25/90	Y. Martel	102	529		
	5,078,054	01/07/92	S. Ashok et al.	102	517		
	5,375,529	12/27/94	C.R. Knight, Jr. et al.	102	513		
	5,399,187	03/21/95	B. Mravic et al.	75	228		
	5,512,080	04/1996	Takahasi et al.	75	231		
	5,527,376	06/18/96	D. Amick et al.	75	228		
	5,597,975	01/28/97	A. Satow	102	514		
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	TRANSLATION		
	538,268	07/28/41	Great Britain		YES	NO	
	965,889	07/17/63	Great Britain				
	2,278,423	11/30/94	Great Britain				
	97/23760	07/03/97	PCT				
OTHER DOCUMENTS							
	Brochure, Ancorsteel 1000: <i>Atomized Steel Powders for High Performance Powder Metallurgy Applications</i> , Hoeganaes, pp. 3-19, (1990) ASTM Designation: A 144-73, <i>Standard Specification for Ferrotungsten</i> (reapproved 1990)						
	Brochure, <i>Powder Metallurgy Grades</i> , Hoeganaes, (1987) Brochure, <i>Standard P/M Molding Powder</i> , Hoeganaes, pp. 1-8 (date unknown)						
EXAMINER				DATE CONSIDERED			

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